

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC

LOCATION.--Lat 33°33'49'', long 81°52'27'', Aiken County, Hydrologic Unit 03060106, on downstream side of bridge on County Road 104, 0.5 mi downstream of Hightower Creek, 1.0 mi upstream of Sudlow Lake, and 3.8 mi west of Graniteville.

DRAINAGE AREA.--26.6 mi².

PERIOD OF RECORD.--October 1989 to December 1999, March 2000 to April 2001 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 210 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	14	17	21	24	25	28	---	---	---	---	---
2	14	15	17	20	21	25	25	---	---	---	---	---
3	14	15	17	17	19	41	25	---	---	---	---	---
4	13	15	18	20	20	107	26	---	---	---	---	---
5	14	16	17	23	22	45	24	---	---	---	---	---
6	17	16	17	23	22	33	23	---	---	---	---	---
7	17	16	17	23	19	30	21	---	---	---	---	---
8	16	17	17	28	22	30	21	---	---	---	---	---
9	13	17	17	27	31	28	19	---	---	---	---	---
10	12	17	19	24	22	26	---	---	---	---	---	---
11	13	17	19	22	18	26	---	---	---	---	---	---
12	13	17	19	25	19	24	---	---	---	---	---	---
13	13	17	20	22	22	30	---	---	---	---	---	---
14	12	24	21	19	22	25	---	---	---	---	---	---
15	11	23	19	18	25	72	---	---	---	---	---	---
16	11	19	18	17	24	52	---	---	---	---	---	---
17	11	22	24	17	26	32	---	---	---	---	---	---
18	12	22	22	17	24	30	---	---	---	---	---	---
19	12	34	20	22	21	28	---	---	---	---	---	---
20	13	33	22	44	20	49	---	---	---	---	---	---
21	13	24	21	29	20	54	---	---	---	---	---	---
22	14	21	16	24	44	34	---	---	---	---	---	---
23	14	20	15	22	47	29	---	---	---	---	---	---
24	14	20	16	21	33	26	---	---	---	---	---	---
25	14	41	17	21	33	26	---	---	---	---	---	---
26	14	32	17	20	30	25	---	---	---	---	---	---
27	15	24	17	20	26	23	---	---	---	---	---	---
28	15	22	20	19	26	23	---	---	---	---	---	---
29	15	19	21	19	---	62	---	---	---	---	---	---
30	15	18	19	22	---	74	---	---	---	---	---	---
31	15	---	18	22	---	33	---	---	---	---	---	---
TOTAL	423	627	574	688	702	1167	212	---	---	---	---	---
MEAN	13.6	20.9	18.5	22.2	25.1	37.6	23.6	---	---	---	---	---
MAX	17	41	24	44	47	107	28	---	---	---	---	---
MIN	11	14	15	17	18	23	19	---	---	---	---	---
CFSM	.51	.79	.70	.83	.94	1.42	.89	---	---	---	---	---
IN.	.59	.88	.80	.96	.98	1.63	.30	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2001, BY WATER YEAR (WY)

	MEAN	28.0	31.5	33.9	42.8	42.0	43.6	36.7	28.5	30.1	24.9	23.9	23.7
MAX	41.9	51.7	49.0	71.7	67.8	62.6	66.6	48.6	47.8	41.2	41.4	35.6	
(WY)	1991	1993	1993	1993	1995	1998	1998	1998	1991	1991	1991	1995	
MIN	13.6	20.9	18.5	22.2	25.1	27.7	24.1	17.7	14.7	13.5	13.7	11.8	
(WY)	2001	2001	2001	2001	2001	2000	1990	2000	2000	2000	1999	1990	

SAVANNAH RIVER BASIN

02196689 LITTLE HORSE CREEK NEAR GRANITEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1990 - 2001	
ANNUAL MEAN					33.8	
HIGHEST ANNUAL MEAN					41.7	1993
LOWEST ANNUAL MEAN					26.0	1997
HIGHEST DAILY MEAN	111	Sep 23	107	Mar 4	305	Oct 12 1990
LOWEST DAILY MEAN	7.0	Jul 18	11	Oct 15	a 4.1	Jul 22 1993
ANNUAL SEVEN-DAY MINIMUM	8.5	Jul 16	12	Oct 13	8.5	Jul 16 2000
MAXIMUM PEAK FLOW			145	Mar 29	593	Oct 12 1990
MAXIMUM PEAK STAGE			2.78	Mar 29	6.48	Oct 12 1990
ANNUAL RUNOFF (CFSM)					1.27	
ANNUAL RUNOFF (INCHES)					17.27	
10 PERCENT EXCEEDS	30		33		51	
50 PERCENT EXCEEDS	17		21		29	
90 PERCENT EXCEEDS	11		14		16	

a Flow was temporarily obstructed at the gage by the construction of a rock section upstream.

